

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:02 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 104 Const Calendar Day: 638 Date: 08-Jun-2011 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 08:30 AM 07:00 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 26-Jun-11 Status: Approved

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Tower Activities

Electroslag welding (ESW):

The 4th ESW weld was done today. It was on the T joint that connects shear plate b2W to the West shaft.

The following is a list of activities for this operation:

- The ESW equipment was set up at Elevation 13m.
- 2 new barrels of weld wire were brought to the site and connected.
- There was some condensation near the starting sump, so a torch was used to heat the local area to remove the condensation (see attached photo).
- At 09:30, the consumable guide was installed.
- From 09:30 until 11:30, the insulators, volt pick-ups, and cooling shoes were installed.
- At 13:05, the weld was started.
- It took about 2 minutes, 20 seconds for the weld parameters to stabilize.
- At 16:54, the weld ran low on flux for about 1 minute.
- At 18:17, the weld ran low on flux, but it was already up into the run-off tab area.
- At 18:19, the weld was stopped in the run-off area.

On the 3rd ESW weld (a2N-to-West shaft), the preliminary UT was done today from one side only. 1 possible UT reject was found near the starting sump. It will be further evaluated when the UT is done from the other side.

ESW misc: Restraint brackets and ladder supports at the previously welded ESW joints were removed by torch cutting or grinding.

9m external diaphragm welding:

- On plate 9m-East-Outer, welding continued today on the perimeter PJP welds.

Bolting at Elevation 53m:

Tensioning of A490M bolts was ongoing at Elevation 53m. This operation was mainly covered by Sami Daouk. See his diary for a list of labor and additional details. I checked on this operation a couple of times in the morning while Sami was in a training class. They were using temporary bolts too bring the plies into contact, and installing the permanent bolts.

04-0120F4 Bid Item: 053 T-L01-SPD.053 Tower Lift 01 Shear Plates and Diaphragms

AMERICAN BRIDGE/FLUOR, A JV

Labor

ddrRptbyBidItem

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name: Wright, Doug

Diary #: 104

Date: 08-Jun-2011

Wednesday

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	JIN PEI WANG	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	Alex Blanco	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	DEVAN MURPHY	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	JEREMY DOLMAN	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	JEFFERY SOUZA	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	FOR	RORY HOGAN	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD GARCIA	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	FOR	HUA QIANG HUANG	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	JAMES ZHEN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	WAI KIT LAI	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



ESW weld joint with consumable guide & insulators installed



Torch heating the starting sump area to remove condensation prior to starting the weld